

1 **What Is Claimed Is**

2 1. A gas container including:

- 3 ● a bag defining a space for storing gas and an aperture for
4 passing the gas;
- 5 ● a mouth including a first end for connection with a valve and a
6 second end inserted in the aperture; and
- 7 ● a connector located between the bag and the second end of the
8 mouth.

9 2. The gas container according to claim 1 wherein the bag includes a
10 lining of polypropylene, and the mouth is made of
11 polyoxymethylene, and the connector is made of polyamide so that
12 the lining of the bag, the second end of the mouth and the connector
13 are bounded together firmly when they are subject to heat pressing.

14 3. The gas container according to claim 1 wherein the mouth includes a
15 plurality of protrusions formed on the second end.

16 4. The gas container according to claim 1 wherein the protrusions are
17 annular ribs.

18 5. The gas container according to claim 1 wherein the bag includes a
19 first layer of polyethylene terephthalate.

20 6. The gas container according to claim 5 wherein the bag includes a
21 second layer of aluminum attached to an internal side of the first
22 layer.

23 7. The gas container according to claim 6 wherein the bag includes a
24 third layer of polyamide and attached to an internal side of the
25 second layer.

26 8. The gas container according to claim 7 wherein the bag includes a

fourth layer of polypropylene attached to an internal side of the third layer.

9. A gas container including:

- a bag defining a space for storing gas and an aperture for passing of the gas, the bag including a lining of polyamide; and
- a mouth including a first end for connection with a valve and a second end inserted in the aperture, the mouth being made of polyoxymethylene so that the lining of the bag and the second end of the mouth are bounded together firmly when they are subject to heat pressing.

10. The gas container according to claim 9 wherein the mouth includes a plurality of protrusions formed on the second end.

11. The gas container according to claim 10 wherein the protrusions are annular ribs.

12. The gas container according to claim 9 wherein the bag includes a layer of polypropylene and attached to an external side of the lining.

13. The gas container according to claim 12 wherein the bag includes a layer of polyamide attached to an external side of the layer of polypropylene.

14. The gas container according to claim 13 wherein the bag includes a layer of aluminum attached to an external side of the layer of polyamide.

15. The gas container according to claim 14 wherein the bag includes a layer of polyethylene terephthalate attached to an external side of the layer of aluminum.